

In the Claims:

1-13. (Cancelled).

14. (Currently Amended) A fuel dispenser comprising:

a vapor recovery system, comprising:

a hose;

a nozzle comprising a boot, said nozzle connected to said hose; and

a check valve adapted to let air into said vapor recovery system selectively if a negative pressure is exerted on said nozzle;

a controller adapted to control functions of the fuel dispenser including the vapor recovery system; and

a pressure sensor, said pressure sensor associated with said vapor recovery system and reporting pressure readings to said controller.

15. (Original) The fuel dispenser of claim 14 wherein said vapor recovery system is a balance vapor recovery system.

16. (Original) The fuel dispenser of claim 14 wherein said vapor recovery system further comprises a pump to draw vapors into said vapor recovery system.

17. (Original) The fuel dispenser of claim 16 wherein said pump is a constant speed pump.

18. (Original) The fuel dispenser of claim 16 wherein said pump is a variable speed pump.

19. (Original) The fuel dispenser of claim 14 wherein said boot is a mini-boot.

20. (Original) The fuel dispenser of claim 14 wherein said boot is a full-sized boot.

21. (Original) The fuel dispenser of claim 14 wherein said check valve is positioned in said boot.

22. (Original) The fuel dispenser of claim 14 wherein said check valve is positioned in said hose.

23. (Original) The fuel dispenser of claim 14 wherein said check valve is positioned in said nozzle.

24-25. (Cancelled).

26. (Currently Amended) The fuel dispenser of claim ~~25~~ 14 wherein said controller is adapted to determine if a vehicle being fueled is equipped with an onboard vapor recovery system based on pressure readings from said pressure sensor.

27. (Original) The fuel dispenser of claim 26 wherein said controller is adapted to turn off said vapor recovery system if the vehicle is equipped with an onboard vapor recovery system.

28. (Original) The fuel dispenser of claim 26 wherein said controller is adapted to turn on said vapor recovery system if the vehicle is not equipped with an onboard vapor recovery system.

29. (Currently Amended) The fuel dispenser of claim ~~25~~ 14 wherein said pressure readings are provided at a time corresponding to a beginning of a fueling transaction.

30. (Currently Amended) The fuel dispenser of claim ~~25~~ 14 wherein said pressure readings are provided at a time after commencement of a fueling transaction.

31-44. (Cancelled)

45. (New) The fuel dispenser of claim 14 wherein said check valve allows air to pass into said boot when said check valve is open.

46. (New) The nozzle of claim 45 wherein said air offsets the negative pressure and prevents a nuisance shut-off during a fueling transaction.